



ADDITIONAL INFORMATION

ENERGY CONVERSIONS

Energy Conversions

1 British thermal unit (Btu)	=	one match tip
	=	250 cal
	=	0.25 Cal
10 kilocalories (Cal)	=	One peanut
	=	10,000 calories
	=	41,900 joules
1,000 Btu	=	Two 5-ounce glasses of table wine
	=	250 Cal
	=	about 80% of a peanut butter and jelly sandwich
1 million Btu	=	90 pounds of coal
	=	120 pounds of dried hardwood
	=	8 gallons of gasoline
	=	10 therms of dry natural gas
	=	11 gallons of propane
1 barrel of crude oil	=	5,600 cubic feet of dry natural gas
	=	0.26 ton (520 pounds) of coal
	=	1,700 kilowatts of electricity
1 ton of coal	=	3.8 barrels of crude oil
	=	21,000 cubic feet of dry natural gas
	=	7,680 kilowatt-hours of electricity
1 quad (Q)	=	293.17 trillion kilowatt-hours
	=	171.5 million barrels of crude oil
	=	41.7 million tons of coal